

*Amendment and Response to Office Action  
U.S. Serial No.: 10/018,727  
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**Amendments to the Specification:**

Please replace the paragraph beginning on page 6, line 10 of the specification with the following amended paragraph:

Suitably, the average power density of the pulsed plasma discharge is low, for example of less than  $0.05\text{W}/\text{cm}^3$ , preferably less than  $0.025\text{W}/\text{cm}^3$  and most preferably less than  $0.0025\text{W}/\text{cm}^3$ .

Please replace the paragraph beginning on page 6, line 14 of the specification with the following amended paragraph:

The pulsing regime which will deliver such low average power density discharges will vary depending upon the nature of the substrate, the size and nature of the discharge chamber etc. However, suitable pulsing arrangements can be determined by routine methods in any particular case. A typical sequence is one in which the power is on for  $20\mu\text{s}$  and off for from  $10000\mu\text{s}$  to  $20000\mu\text{s}$ .